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; SEQ ID NO:2:
; LENGTH:12492
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1994.219 Million cell updates/sec
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1, Appli
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49, Appl
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4, Appli
3, Appli
96, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Phad. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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                                                                                                                                                                                                        342
1 gitccaggagattacagctc......attttttgttaagtgtact
                                                                                                              3, 2002, 11:43:18 ; Search time 38.84 Seconds
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Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
4.5
Compugen Ltd
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US-08-313-075A-49
PCT-US96-05320A-516
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US-09-277-020-9
US-08-577-020-9
US-08-934-306-22
US-08-934-674A-22
US-08-23-463-14
US-08-23-463-14
US-08-23-463-14
US-08-68-89-3
US-08-805-486-96
US-08-801-028-96
US-08-801-028-96
US-09-340-154-96
PCT-US95-09338-96
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                                                                                                                                                                                                                                                                                                                      351203 seqs, 113238999 residues
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 GenCore version
Copyright (c) 1993 - 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                           nucleic search, using sw model
                                                                                                                                                                                                                                                              IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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                                                                                                                                                                                                                                                                                                                                                                                              length: 0
length: 2000000000
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Match Length DB
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                                                                                                                                                                                                                                                                                                                                                                                              DB seq
DB seq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Title:
Perfect score:
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                                                                           OM nucleic
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                                                                                                                                                                                                                              Sequence:
                                                                                                                                                                                                                                                                                                                      Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                 Maximum
                                                                                                              Run on:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5384
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Pred. No. 0.021;
0; Mismatches 126; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DINO; MARTIAL, JOSEPH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Fatent No. 5206163

APPLICANT: RENARD, ANDRE; DINA, DINO; MARTIAL, JOSI

TITLE OF INVENTION: DNA ENCODING BOVINE DIARRHEA

VIRUS PROTEIN
US-08-462-467B-13
US-08-34-179A-13
US-08-840-146-16
US-09-360-220-16
US-09-360-220-16
US-09-360-220-15
US-09-360-220-15
US-09-019-201A-1
US-09-019-201A-1
US-09-019-201A-1
US-08-081-771A-5
US-08-081-771A-5
US-08-450-834-1
US-08-450-834-1
US-08-450-834-1
US-08-450-834-1
US-08-450-834-1
US-08-770-379-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 05/07/550,816
FILING DATE: 06-JUL-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 331,037
FILING DATE: 29-MAR-1989
APPLICATION NUMBER: 752,981
FILING DATE: 08-JUL-1985
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 2
(3c.08-62-092-1)
Sequence 1, Application US/08462092
Patent No. 5614399
GENERAL INFORMATION:
APPLICANT: Peter H. Quail
APPLICANT: Alan H. Christensen
APPLICANT: Howard P. Hershey
APPLICANT: Robert A. Sharrock
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         10.48;
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Best Local Similarity 46.8
Matches 111; Conservative
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3220 Arccaddacaaggagggarrccccagaccagcagcgrcrgarcrrgcggggaagcag 3279
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 32.2; DB 3; Length 3840;
Pred. No. 0.15;
0; Mismatches 103; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PLANT UBIQUITIN PROMOTER SYSTEM
                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                      E: Jeff Lloyd
2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                  08/462,092
                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/462,092
FTLING DATE: 5-JUNE-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/746,822
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Alan H. Christensen
APPLICANT: Howard P. Hershey
APPLICANT: Robert A. Sharrock
APPLICANT: Thomas D. Sullivan
TITLE OF INVENTON: PLANT UBIQUI
NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/09094350 Patent No. 6054574
                                                                                                                                                                                                                                                                                                                                                                                        NAME: Lloyd, Jeff
REGISTRATION NUMBER: 35,589
REFERENCE/DOCKET NUMBER: 06,
TELECOMMUNICATION:
TELEPHONE: 904-375-8100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 904-372-5800
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 9.4%;
Best Local Similarity 47.7%;
Matches 94; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; LOCATION: 1993..3591
US-08-746-822-1
                                                                                                                ZIP: 32606
COMPUTER READABLE FORM:
CORRESPONDENCE ADDRESS:
                                STREET: 2421 ...
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APPLICANT: Peter I
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CLASSIFICATION:
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                                                                                                USA
                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                        CITY: Ga:
STATE: FI
COUNTRY:
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US-09-094-350-1
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0.15;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PLANT UBIQUITIN PROMOTER SYSTEM
Thomas D. Sullivan
WENTION: PLANT UBIQUITIN PROMOTER SYSTEM
                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,092
                                                                                          STREET: 2421 N.W. 41st Street, Suite A-1 CITY: Gainesville
                                                                                                                                                                                                                                                                                                  UMBER: US/08/462,092
5-JUNE-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Peter H. Quail
APPLICANT: Alan H. Christensen
APPLICANT: Howard P. Hershey
APPLICANT: Robert A. Sharrock
APPLICANT: Thomas D. Sullivan
TITLE OF INVENTION: PLANT UBIQUI:
NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Lloyd, Jeff
REGISTRATION NUMBER: 35,589
REFERENCE/DOCKET NUMBER: 08/4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 904-375-8100
TELEFAX: 904-372-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/08746822
Patent No. 6020190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA (genomic)
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 904-372-5800 INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3340 GTTCTCCGCCTCAGAGG 3356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 3840 base pairs
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                  nucleic acid
EDNESS: single
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US-08-462-092-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                FILING DATE: 5-
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: CDS
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                                                                                                                                                        USA
                                                                                                                                                                        32606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
AP LICANT:
                                                                                                                                                        COUNTRY:
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US-08-746-822-1
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Gaps

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3280 ctggaggatggccgcactctcgcggactacaacatccagaaggaggagcaccttcacctt 3339
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                179 tttaaggaaccatgtatctctgggagattatgaaatccacgatgggatgaacctggagctt
                                                                                                                                                                                                                                                                                                      Score 32.2; DB 6; Length 3840;
Pred. No. 0.15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID TITLE OF INVENTION: PATHWAY ENZYMES AND USES THEREFOR NUMBER OF SEQUENCES: 58
                                                                                                                                                                                                                                                                                                                                                0; Mismatches 103; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/313,075A
FILING DATE: 30-NOV-1994
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: Scully, Scott, Murphy & Presser
400 Garden City Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 30-NOV-1994
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL 1538/92
FILING DATE: 27-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PL 6698/93
FILING DATE: 07-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PCT/AU93/00127
FILING DATE: 25-MAR-1993
ATTORREY/AGENT INFORMATION:
NAME: DIGIGILO, Frank S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 49, Application US/08313075A Patent No. 5639870
GENERAL INFORMATION:
APPLICANT: Holton, Timothy A. APPLICANT: Cornish, Edwina C. APPLICANT: Tanaka, Yoshikazu
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 191,134
FILING DATE: 03-FEB-1994
APPLICATION NUMBER: 76,363
FILING DATE: 11-JUN-1993
APPLICATION NUMBER: 670,496
FILING DATE: 15-MAR-1991
APPLICATION NUMBER: 194,824
FILING DATE: 17-MAY-1988
                                                                                                                                                                                                                                                                                                      9.48;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 New York
: U.S.A.
                                                                                                                                                                                               SEQ ID NO:1:
LENGTH: 3840
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STREET: 4(
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Pred. No. 0.15;
0; Mismatches 103; Indels 0
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TITLE OF INVENTION: PLANT UBIQUITIN PROMOTER SYSTEM NUMBER OF SEQUENCES: 12.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/296,268
FILING DATE: 25-AUG-1994
                                                                                                                                                                                                                                      PatentIn Release #1.0, Version #1.25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jeff Lloyd
STREET: 2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/462,092
FILING DATE: 5-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lloyd, Jeff
REGISTRATION NUMBER: 35,589
REFERENCE/DOCKET NUMBER: 08/462,092
TELECOMMUNICATION INFORMATION:
TELEPHONE: 904.375-8100
INFORMATION FOR SEQ. ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       08/462,092
                                                                                                                                                                                                                                      GURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/094,350
                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
PPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/746,822
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 9.4%;
Best Local Similarity 47.7%;
Matches 94; Conservative
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COMPUTER READABLE FORM:
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1993..3591
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                                                                 Gainesville
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;Patent No. 5510474
                                                                                                                                                                                                                                                                                                      FILING DATE
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; LOCATION:
US-09-094-350-1
                                                                                                           COUNTRY:
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1054 GGTCGTTCTGTAATCACTGTTGGCCCATACTTGCACTTACACCAATGTGGGTTTACCGAAG 1113
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Karras, James G
APPLICANT: Karras, James G
APPLICANT: MCKAy, Robert
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
TITLE OF INVENTION: TRANSDUCTION
FILE REFERENCE: ISPH 0340
CURRENT APPLICATION NUMBER: US/09/280,799
CURRENT FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 2.08
SOFTWARE: PATENTIN VET. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence:Synthetic US-09-280-799-132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 4245;
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Pred. No. 0.62;
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19.4%; Pred. No. 0.93;
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0; Mismatches
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                                           PCT/US96/05320A
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Patent No. 6136603
                                                                                                                                                                                          08/487,429
                                                                                                                               08/476,102
                                                                                                                                                                                                                                                       NAME: Eric K. Steffe
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2600
INFORMATION FOR SEQ ID NO: 516:
                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/476,
FILING DATE:
APPLICATION DATA:
APPLICATION NUMBER: 08/487,
FILING DATE: June 7, 1995
ATTORNEY AGENT INFORMATION:
                                                             April22, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8.9%;
                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 4245 base pairs
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Best Local Similarity 55.05
Matches 60; Conservative
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                   CURRENT APPLICATION DATA: APPLICATION NUMBER: PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        double
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: doub
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Matches 78; Conserv
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US-09-280-799-132/c
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APPLICANT: J. Craig Venter
TITLE OF INVENTION: Nucleotide Sequence of the Haemophilus Influenzae Rd Genome,
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 67 agtccgcgttaagtgcaacaccgatgacaccatcggggacttgaagaaactgatagcggc 126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     565 TCCAAAAGTIGCTCTTCCTATATCCACTGCTTCGCCATTCTIGGCACACTTTTGACAATA 506
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                                                                                                                                                                                                                                                                                                                                                                                             Score 31.8; DB 1; Length 1757;
Pred. No. 0.13;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sterne, Kessler, Goldstein & Fox
1100 New York Avenue, Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human Genome Sciences
9410 Key West Avenue
Rockville, MD 20850
United States of America
Johns Hopkins University
720 Rutland Avenue
Baltimore, MD 21205
United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 516, Application PC/TUS9605320A GENERAL INFORMATION:
          REFERENCE/DOCKET NUMBER: 9433
TELECOMMUNICATION INFORMATION:
TELEFRONE: (516) 742-4346
TELER: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 1757 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
31,346
                                                                                                                                                                                                                                                                                                                                                                                                        9.38;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Adams
                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 9.3
Best Local Similarity 48.2
Matches 119; Conservative
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Owen White
                                                                                                                                                                                                                                                                                             ) NAME/KEY: CDS
) LOCATION: 35..1522
US-08-313-075A-49
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                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: DNA
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APPLICANT:
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PREVENTION OF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      119 atagoggcccaaactggcactcgttggaataagatcgttcttaaaaagtggtacacgatt 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             132 ATCCAGGACAAGGAGGGCATTCCGCCGGACCAGCGCCTGATCTTCGCTGGCAAGCAG 191
                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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APPLICANT: Skelky, Yasir A.W.
APPLICANT: Lodes, Michael J.
APPLICANT: Houghton, Raymond L.
APPLICANT: Houghton: COMPOUNDS AND METHODS FOR THE DETECTION AND NUMBER OF SEQUENCES: 65
CORRESPONDENCE
                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                             Length 581;
                                                                                                                                                                                                                                                                                                                                                                                                                      94; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: SEED and BERRY LLP
6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                           Score 29.6; DB 2;
Pred. No. 0.44;
                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
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CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 22, Application US/08834306
Patent No. 6054135
                                      NAME: MAKI, DAVIG J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 2101
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 22:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 31,392
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TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                           8.7%;
ilarity 47.8%;
Conservative
                      ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
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NAME: Maki, David J.
                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 581 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (206) 682-6031 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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LENGTH: 581 base pairs
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Best Local Similarity
Matches 86; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Washington
                                                                                                                                                                                                                                                                                          linear
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ZIP: 98104-7092
  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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STATE: Washing
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                                                                                                                                                                                                                                                                            APPLICANT: Bennett, C. Frank
TITLE OF INVENTION: Alteration of Cellular Behavior by Antisense Modulation
TITLE OF INVENTION: of mRNA Processing
FILE REFERENCE: ISPH-0339
CURRENT APPLICATION NUMBER: US/09/277,020
CURRENT FILING DATE: 1999-03-26
EARLIER APPLICATION NUMBER: 09/167,921
EARLIER FILING DATE: 1998-10-07
NUMBER OF SEO ID NOS: 65
SOFTWARE: PATENTIN Ver. 2.0
SEO ID NO 9
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2600 AATTITIAAGACCATITCTCTCAGGGAACCTAGAGATAACATAGTGGTAAACTGGTIG 2541
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APPLICANT: Skelky, Yasir A.W.
APPLICANT: Lodes, Michael J.
APPLICANT: Houghton, Raymond L.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8.8%; Score 30; DB 4; Length 3571;
49.4%; Pred. No. 0.93;
tive 0; Mismatches 80; Indels
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                                                                                                          2480 GCTTCTTGCACTGTTTTGTTGTTGCTGCTGCTGTTGTT 2443
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2480 GCTTCTTGCACTGTTTGTTGTTGCTGCTGCTGTTT 2443
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 22, Application US/08557309B Patent No. 5916572
GRNERAL INFORMATION:
APPLICANT: Reed, Steven G.
                                                                                                                                                                                                                    Sequence 9, Application US/09277020 Patent No. 6210892 GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
SOFTWARE: Patentin Release #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 49.4
Matches 78; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
CORGANISM: Mus musculus
US-09-277-020-9
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Washington
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COUNTRY: USA
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US-09-277-020-9/c
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66 aagtccgcgttaagtgcaacaccgatgacaccatcggggacttgaagaaactgatagcgg 125
                                                                                               179 tttaaggaccatgtatctctggggagattatgaaatccacgatgggatgaacctggagctt 238
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                     119 atagoggcccaaactggcactcgttggaataagatcgttcttaaaaagtggtacacgatt 178
                                         6 aggagattacagctccagccacaatgattgaggtggtttgcaacgaccgtctaggaaaga 65
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Conservative 146; Mismatches 116;
                                                                                                                                                                                                                                                                                       APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                              Sequence 14, Application US/08232463 Patent No. 5670367
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                             Foley & Lardner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (703)683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO: 14:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (703)836-9300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 8.5%;
Best Local Similarity 4.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              nucleic acid
EDNESS: single
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US-08-232-463-14
                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      22313-0299
                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: DORNER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IMMEDIATE SOURCE
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                                                                                                                                                                                                              -08-232-463-14/C
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                                                                                                                                                                                                                                                                      12 ATCCAGGACAAGGAGGCATTCCGCCGGACCAGCGCCTGATCTTCGCTGGCAAGCAG 191
                                                                                                                                                                                          72 GGCAAGACGATCGCGCTCGAGGTGGAATCCAGCGACACCATTGAGAACGTGAAGGCGAAG 131
                                                                                                                   Gaps
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APPLICANT: Smith, John M.
APPLICANT: McNeill, Patricia D.
TITLE OF INVENTON: COMPOUNDS AND METHODS FOR THE DETECTION AND NUMBER OF SEQUENCES: 81
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                                                                           Length 581;
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                                                                                                                 94; Indels
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SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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Pred. No. 0.44;
0; Mismatches 94;
                                                                             DB 3;
                                                                                               0.44;
                                                                                                                   0; Mismatches
                                                                             Score 29.6;
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                                                                                               Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 22, Application US/08993674A Patent No. 6228372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEED and BERRY LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPAS: (206) 682-6031
INFORMATION FOR SEQ ID NO: 22:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Skeiky, Yasir A.W.
Lodes, Michael J.
                                                                           8.78;
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1 Similarity 47.8%;
86; Conservative
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APPLICANT: Reed, Steven G.
APPLICANT: Skekky, Yasir,
APPLICANT: Lodes, Michael
APPLICANT: Houghton, Raymu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 581 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                   86; Conservative
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Best Local Similarity
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                                                                                             Best Local Similarity
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US-08-993-674A-22
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; TOPOLOGY:
US-08-834-306-22
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COUNTRY:
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                                                                             Query Match
                                                                                                                 Matches
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121 CAGAGGCTCATCTTGCAGGCAGCTGGAAGATGGCCGTACTTCTGACTACAAC 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           222 ggatgaacctggagctttattaccagtagagggaattcctccaccttgcccaaccttgc 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    282 tttcctctcccatggctcatttaacactgttgtagatgctcattttttgtt 333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        8.3%; Score 28.4; DB 1; Length 7218; 20.5%; Pred. No. 5.5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           40;
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           49; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          29,768
FR: 30472/114 IMMU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Suite 500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILLING DATE: APPLICATION NUMBER: EP 91 114 300.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Search completed: March 3, 2002, 14:59:17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: PATCHIN Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
                                                                                                                                      181 ATCCAGAAGGAGTCGACCCTGCACCT 206
                                                                                                                                                                                                                                                                                                                            Sequence 14, Application US/08232463 Patent No. 5670367 GENERAL INFORMATION:
                                                                                                 212 atccacgatgggatgaacctggagct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road,
CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 3C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 899149'
INFORMATION FOR SEQ ID NO: 14:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 7218 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (703)683-4109
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US-08-232-463-14
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Best Local Similarity
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CLASSIFICATION:
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STATE:
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   92 gacaccatcggggacttgaagaaactgatagcggcccaaactggcactcgttggaataag 151 [11] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1] | [1]
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                                                                                                 accatgtatctctgggagattatgaaatccacgatgggatgaacctggagctttattacc
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Pred. No. 1.4;
0; Mismatches 111; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: van Leeuwen, Frederik Willem
APPLICANT: Burbach, Johannes Peter Henri
APPLICANT: Grosveld, Franklin G.
TITLE OF INVENTION: DIAGNOSIS METHOD AND REAGENTS
NUMBER OF SEQUENCES: 189
CORRESPONDENCE ADDRESS:
ADDRESSEE Banner & Witcoff, Ltd.
STREET: I Financial Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Williams, Ph.D., Kathleen M.
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 96,048-A (3255/00784)
TELECOMUNICATION INFORMATION:
TELEPHONE: (617) 345-9100
                                                                                                                                                                                                                                                                1079 RRRRRRRRRRRRATCGCAAGCTCCCTCGACT 1047
                                                                                                                                                                                                                          246 agtagagggaattcctccaccttgcccaacct 278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDITOR 11E. COMPOTIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Worlderfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/726,306A
FILING DATE: 02-0ct-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: GB 95/20080.4
FILING DATE: 02-oct-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/009,832
FILING DATE: 01-Jan-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 22, Application US/08726306A
Patent No. 5958684
GENERAL INFORMATION:
APPLICANT: van Leeuwen, Frederik 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        8.3%;
ilarity 46.1%;
Conservative (
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INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1: 707 base pairs
nucleic acid
EDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 02-OCt-1
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 95; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
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US-08-726-306A-22
                                                                                                                                                                                                                                                                                                                                                                                         RESULT 14
US-08-726-306A-22
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COUNTRY:
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Sequence Seq

US-08-685-467-5 US-08-913-942-5 US-08-441-139-16 US-08-409-995-2 US-09-377-155-32 US-09-377-155-32 US-09-042-785A-30 US-09-042-785A-31 US-09-042-785A-31 US-09-042-785A-31 US-09-042-785A-31 US-09-042-785A-31 US-09-042-785A-31 US-09-042-785A-3 US-09-042-785A-2 US-09-042-785A-2 US-09-042-785A-2 US-09-359-828C-2 US-09-359-845B-2 US-09-357-490-15 US-08-955-828C-2 US-09-357-490-15

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3, 2002, 14:53:43 ; Search time 61.46 Seconds (without alignments) 26.729 Million cell updates/sec
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1 MIEVVCNDRLGKKVRVKCNT......HVSLGDYEIHDGMNLELYYQ
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Compugen Ltd.
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Copyright (c) 1993 - 2000
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Maximum DB seq length: 200000000
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Perfect score:
Sequence:
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2: /cgn2_6/ptcdata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptcdata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptcdata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptcdata/2/iaa/FB_COMB.pep:*
6: /cgn2_6/ptcdata/2/iaa/PacKfiles1.pep:*
Pred. No. is the number of results predicted by chance to have the content of the co

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Issued_Patents_AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 19, Appl	46,	28,	28,	2, 4	ď,	31,	Sequence 33, Appl	6, 2	9	9	7	16,	28,	16,	28,	6, 4	9	٦,	23,	32,	32,	24,	Sequence 36, Appl	39,	4,	Sequence 5, Appli
	ID	US-08-889-841B-19	US-08-889-841B-46	US-08-448-603A-28	US-09-134-075-28	US-08-889-841B-2	US-08-889-841B-5	US-08-889-841B-31	US-08-889-841B-33	US-08-022-835-6	0S-08-388-809-6	US-08-647-714-6	US-08-240-496A-2	US-08-037-816A-16	US-08-037-816A-28	US-08-530-146-16	US-08-530-146-28	US-08-392-806A-6	US-09-257-490-6	US-08-878-474-1	US-08-889-841B-23	US-08-448-603A-32	-134-	-09-422-	9	US-08-889-841B-39	-08-945-	US-08-409-995-5
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	Score	09	59	59	59	58.5		58	28	57.5	57.5	57.5	56.5	56.5	56.5	56.5	56.5	56.5	٠,	26	56	55.5	2	52	24	54	53.5	53.5
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                                                DB 3; Length 455;
                                                                                 21; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: McCutchen, Doyle, Brown & Enersen, LLP
STREET: 3 Embarcadero Center
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                APPLICANT: Berman, Phillip W.
APPLICANT: Nakamura, Gerald R.
TITLE OF INVENTION: HIV Envelope Polypeptides
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: MCCutchen, Doyle, Brown & Enersei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
SOFTWARE: FRASLEGO for Windows Version 2.0
CURRENT APPLICATION DATA:
FILLING DATE: US/08/448,603A
FILLING DATE: 07-7010-1994
                                              ; Score 59; DB 3; Pred. No. 6.5; 14; Mismatches
                                                                                                                                                                                                                                                                                              Sequence 28, Application US/08448603A Patent No. 5864027 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/072,833
FILING DATE: 07-JUN-93
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                  44 -LKKWY -- TIFKDHVSLGDYEI 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              44 -LKKWY--TIFKDHVSLGDYEI 62
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       38903
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                                                15.0%;
23.2%;
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LENGTH: 850 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                    Query Match
Best Local Similarity 23.2°
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Best Local Similarity 23.2%
Matches 19; Conservative
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REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 415-393-2286
                                                                                                                9 RLGKKVRVKCN---
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US-08-889-841B-46
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----TDDTIGDLKKLIAAQTGTRWNKIV---- 43
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TITLE OF INVENTION: HIV ENVELOPE POLYPEPTIDES AND VACCINE
FILE REFERENCE: 14918-703IP
CURRENT APPLICATION NUMBER: US/08/889,841B
CURRENT FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: US 60/676,737
NUMBER OF SEQ ID NOS: 57
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
                                                                                                                                                                                   ADDRESSEE: McCutchen, Doyle, Brown & Enersen, LLP STREET: 3 Embarcadero Center
                                                                           APPLICANT: Berman, Phillip W.
APPLICANT: Nakamura, Gerald R.
TITLE OF INVENTION: HIV Envelope Polypeptides
CORRESPONDENCE: 33
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 3;
                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/134,075
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15.0%; Score 59; DB 323.2%; Pred. No. 15; tive 14; Mismatches
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               Sequence 28, Application US/09134075
Patent No. 6042836
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/08889841B GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPAN: 415-393-2000
TELEFAX: 415-393-2286
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Haliday, Emily
REGISTRATION NUMBER: 38903
                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 850 amino acids
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Best Local Similarity 23.2%
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                         STREET: 3 Embarcader
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS: sir
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                       USA
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                                                                                                                                                                                                                                                                                           ZIP: 94111
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US-09-134-075-28
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US-09-134-075-28
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255 VKINCT-RLGNNTRKSINIGPGRVLYATGEIIGDIRQAHCNISRAQWNKTLEKVVDKLRK 313
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 3; Length 487;
                                                                                                                                                                                                                                APPLICANT: Bernan, Phillip W.

TITLE OF INVENTION: HIV ENVELOPE POLYPEPTIDES AND VACCINE
FILE REFERENCE: 14918-703CIP
CURRENT APPLICATION NUMBER: US/08/889,841B
CURRENT FILING DATE: 1997-07-08
PRIOR APPLICATION NUMBER: US 60/676,737
PRIOR PELING DATE: 1996-07-08
NUMBER OF SEQ ID NOS: 57
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Garnter, Suzanne
TITLE OF INVENTION: MOLECULAR CLONES OF HIV-1 AND USES
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PATENTIN Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/022,835
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eleventh Floor, 1615 L. Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 58;
Pred. No.
                                                                                                                                                                                             ; Sequence 33, Application US/08889841B
; GENERAL INFORMATION:
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Patent No. 5420030
GENEZI INFORMATION:
APPLICANT: Reltz Jr., Marvin S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Reitz Jr., Marvin S.
Franchini, Genoveffa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Markham, Phillip D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: Floppy disk
IBM PC compatible
                                                                                          314 OFGDNTTIAFNRSSGGDPEI 333
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Lori, Franco C.
Popovic, Mikulas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DARBY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14.7%;
27.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  47 WY----TIFKDHVSLGDYEI 62
                                                              47 WY----TIFKDHVSLGDYEI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 14.7
Best Local Similarity 27.5
Matches 22; Conservative
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20036-5601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE:
                                                                                                                                                           RESULT 8
US-08-889-841B-33
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: HIV US-08-889-841B-33
                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 487
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-022-835-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           298 TGDIRGDIRQAHCNISGAKWNNTLKKVVIKLKEQFPNKTIVFNHSSGGDPEI 349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 TDDTIGDLKKLIAAQTGTRWNK----IVLKKWY---TIFKDHVSLGDYEI 62
                                                                                                                       Length 498;
                                                                                                                                                                                                                                                                                                                      Sequence 5. Application US/08889841B
GENERAL INFORMATION:
APPLICANT: Berman, Phillip W
TITLE OF INVENTION: HIV ENVELOPE POLYPEPTIDES AND VACCINE
FILE REFERENCE: 14918-703C1P
CURRENT APPLICATION UNMBER: US/08/889,841B
CURRENT FILLING DATE: 1997-07-08
PRIOR APPLICATION UNMBER: US 60/676,737
PRIOR FILING DATE: 1996-07-08
NUMBER OF SEQ ID NOS: 57
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 3; Length 483;
9.7;
                                                                                                                                                                                                 20 TDDTIGDLKKLIAAQTGTRWN---KIVLKKW-----YTIFKDHVSLGDYEI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    25; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: BETTIEND, Phillip W.
TITLE OF INVENTION: HIV ENVELOPE POLYPEPTIDES AND VACCINE
TITLE REPERENCE: 14918-703CIP
CURRENT APPLICATION NUMBER: US/08/889,841B
CURRENT FILING DATE: 1997-07-08
FRICA APPLICATION NUMBER: US 60/676,737
PRIOR FILING DATE: 1996-07-08
NUMBER OF SEQ ID NOS: 57
SOFTWARE: FASTERO for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               17;
                                                                                                                                                             17;
                                                                                                                   14.8%; Score 58.5; DB 3; 36.5%; Pred. No. 8.6; iive 7; Mismatches 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 58.5; DB 3;
Pred. No. 8.6;
8; Mismatches 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14.7%; Sco. 27.5%; Pred. No. >...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: VARIANT
CCATION: (1)...(498)
CHER INFORMATION: Xaa = Any Amino Acid
US-08-889-841B-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 31, Application US/08889841B GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14.8%;
34.6%;
                                                                                                                                                             19; Conservative
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Best Local Similarity 27.55
Matches 22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                   Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: HIV
FEATURE:
; LENGTH: 498
; TYPE: PRT
; ORGANISM: HIV
US-08-889-841B-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: HIV
US-08-889-841B-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-889-841B-31
                                                                                                                                                                                                                                                                                                RESULT 6
US-08-889-841B-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 498
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 31
                                                                                                                       Query Match
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20; Gaps

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2 IEVVC---NDRLGKKV-----RVKCNTDDTIGDLKKLIAAQTGTRW----NKIVLKKW-- 47
                                                                                                                                                                                                                                    27; Indels 17;
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                                                                                                                                                                                    Length 855;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: REITZ, JR., MARVIN S.; FRANCHINI,
APPLICANT: GENOVEFFA; MARKHAM, PHILIP D. GALLO, ROBERT
APPLICANT: C.; LORI, FRANCO C.; POPOVIC, MIKULAS; AND
APPLICANT: GARTHER, SUZANNE
TITLE OF INVENTION: MOLECULAR CLONES OF HIV-1
TITLE OF INVENTION: AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14.6%; Score 57.5; DB 2;
                                                                                                                                                                                         DB 1;
                                                                                                                                                                                    ; Score 57.5; DE; DE; Pred. No. 23; 11; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PFILING DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/388,809
FILING DATE: 15-FEB-1995
APPLICATION NUMBER: US 08/022,835
FILING DATE: 25-FEB-1993
APPLICATION NUMBER: US 07/599,491
FILING DATE: 17-COT-1990
ATTORNEY/AGENT INFORMATION:
NAME: LESLIE A. SERUNIAN
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 2026-4092US2
TELECOMUNICATION INFORMATION:
TELEPAX: (212) 758-480
TELEPAX: (212) 758-480
TELEFAX: (212) 758-480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPRFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/647,714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK, 3.5"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-647-714-6; Sequence 6, Application US/08647714; Patent No. 5869313 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                       14.6%; 29.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                       356 FGNKTIVFKHSSGGDPEI 373
  SEQUENCE CHARACTERISTICS:
LENGTH: 855 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                              48 ---YTIFKDHVSLGDYEI 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 855 amino acids
                                                                                                                                                                                       Query Match 14.6%
Best Local Similarity 29.5%
Matches 23; Conservative
                                                                                      , MOLECULE TYPE: protein US-08-388-809-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: NI
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                     TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            27; Indels 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                            14.6%; Score 57.5; DB 1; Length 855; 29.5%; Pred. No. 23; tive 11; Mismatches 27; Indels 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: REITZ, JR., MARVIN S.; FRANCHINI,
APPLICANT: GENOVEFRA; MARKHAM, PHILIP D. GALLO, ROBERT
APPLICANT: GENOVEFRA; MARKHAM, PHILIP D. GALLO, ROBERT
APPLICANT: C.; LORI, FRANCO C.; POPOVIC, MIKULAS; AND
APPLICANT: GARRUMER, SUZANNE
TITLE OF INVENTION: MOLECULAR CLONES OF HIV-1
TITLE OF INVENTION: AND USES THEREOF
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
                                                                                    RECISTRATION NUMBER: 26,581
REFERENCE/DOCKET NUMBER: WTS/5683/78507/SRL
TELECOMMUNICATION INFORMATION:
TELEFAHONE: (202) 861-3000
TELEFA: (202) 822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: FLORPY DISK, 3.5"
COMPUTER: TBW PC COMPATIBLE
COMPUTER: IBW PC COMPATIBLE
COMPUTER: IBW PC COMPATIBLE
COMPUTER: IBW PC COMPATIBLE
COMPUTER: IBW PC COMPATIBLE
SUSTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,809
FILING DATE: 15-FEB-1995
FILING DATE: 25-FEB-1993
APPLICATION NUMBER: US 08/022,835
FILING DATE: 17-OCT 1990
ATTORNEY/AGENT INFORMATION:
NAME: LESLIE A. SERUNIAN
REGISTRATION NUMBER: 35,353
REFERENCE//DOCKET NUMBER: 35,353
REFERENCE//DOCKET NUMBER: 2026-4092US2
APPLICATION NUMBER: US 07/599,491 FILING DATE: 17-0CT-1990 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6, Application US/08388809 Patent No. 5576000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3: MORGAN & FINNEGAN 345 PARK AVENUE
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TELEPHONE: (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: 421792
INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 356 FGNKTIVFKHSSGGDPEI 373
                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 855 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8 ---YTIFKDHVSLGDYEI 62
                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 29.5%
                                                                        NAME: Scott, Watson T. REGISTRATION NUMBER: 2
                                                                                                                                                                                                                                                                                                                    ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-022-835-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NEW YORK

NEW YORK
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TELEX: 47
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COUNTRY:
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ADDRESSEE:
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                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                 STREET:
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                       4;
                                                                              2 IEVVC---NDRLGKKV----RVKCNTDDTIGDLKKLIAAQTGTRW----NKIVLKKW-- 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    14.3%; Score 56.5; DB 1; Length 222; 22.5%; Pred. No. 5.7;
                                                                                                                                                                                                                                                                                                                     APPLICANT: Wolf, Fred R.
APPLICANT: Cuellar, Richard E.
TITLE OF INVENTION: Composition for Modulating Sterols in TITLE OF INVENTION: Yeast
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Joanne M. Giesser
STREET: Amooc Ocrp., Suite 600, 55 Shuman Blvd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5 VCNDRLGKKVRVK-CNTDDTIGDLKKLIAAQTGTRW-NKIVLKKWYTIFKD-
                   27; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CIP: 60563

COMPUTER READABLE FORM:
MEDIUM TREE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PPLICATION NUMBER: US/08/240,496A
TLING DATE: 10-MAY-1994
GASSIFICATION: 435
PRUPR APPLICATION ADARS:
APPLICATION NUMBER: US 07/929,764
FILING DATE: 12-AUG-1992
ATTONEY/AGENT INFORMATION:
 Pred. No. 23;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          18; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Glesser, Joanne M.
REGISTRATION NUBBER: 32,838
REFERENCE/COCKET NUMBER: 31,456
TELECOMMUNICATION INFORMATION:
TELEPHONE: (708) 717-2443
TELEFAX: (708) 717-2443
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                  Sequence 2, Application US/08240496A Patent No. 5480805 GENERAL INFORMATION:
 29.5%;
                                                                                                                                                          356 FGNKTIVFKHSSGGDPEI 373
                                                                                                                                 48 ---YTIFKDHVSLGDYEI 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 222 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 22.58
Matches 16; Conservative
                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | | : :| |
ILHASVSEYLI 107
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Best Local Similarity
Matches 23; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE:
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RESULT

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Sequence 16, Application US/08037816A
Patent No. 5869624
GENERAL INFORMATION:
APPLICANT: Hasel, Karl W.
APPLICANT: Maddon, Paul J.
TITLE OF INVENTION: HIV-1 VACCINES, ANTIBODY COMPOSITIONS RELATED
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 28, Application US/08037816A
Patent No. 5869624
GENERAL INFORMATION:
APPLICANT: Hasel, Karl W.
APPLICANT: Maddon, Paul J.
TITLE OF INVENTION: HIV-1 VACCINES, ANTIBODY COMPOSITIONS RELATED
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 IEVVC---NDRLGKKV-----RVKCNTDDTIGDLKKLIAAQTGTRWN----KIVLK--
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                14.3%; Score 56.5; 28.2%; Pred. No. 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE DOCKET NUMBER: 41190/JPW/AJM TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 977-9550 TELERA: (212) 664-0525 TELEX: 422523 COOPUI INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS: LENGTH: 507 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U5/08/037,816A
FILING DATE: 26-MAR-1993
                                                                                                                                                                                                                   SEE: Cooper & Dunham : 30 Rockefeller Plaza New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SSEE: Cooper & Dunham
F: 30 Rockefeller Plaza
New York
                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           355 FENKTIVFNHSSGGDPEI 372
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                    STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 26 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                         10112
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Patent No. 5886163
GENERAL INFORMATION:
APPLICANT: Hasel, Karl W.
APPLICANT: Maddon, Paul J.
TITLE OF INVENTION: THERETO, AND THERAPEUTIC AND PROPHYLACTIC USES
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Unham
STREET: 30 Rockefeller Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ch 14.3%; Score 56.5; DB 2; Length 507; 1 Similarity 28.2%; Pred. No. 16; 22; Conservative 14; Mismatches 25; Indels 1
                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 41190/JPW/AJM
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
TELERA: (212) 664-0525
TELERA: (212) 664-0525
TELERA: (212) 664-0525
TELEX: A22523 COOPUI
SEQUENCE CHARACTERISTICS:
LENGTH: 507 amino acids
TYPE: amino acid
COMPUTER READABLE FORM:
MADIUM TYPE: Floppy disk
COMPUTER: IMP CC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/037,816A
FILING DATE: 26-MAR-1993
CLASSIFICATION: 435
                                                                                                                                           US/08/037,816A
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APPLICATION NUMBER: US/08/037,816
FILING DATE: 26-MAR-1993
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: White, John P. REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : || :| || || 355 FENKTIVFNHSSGGDPEI 372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                46 -KWYTIFKDHVSLGDYEI 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: protein US-08-037-816A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: New York STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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| TELECOMMUNICATION INPORMATION:
| TELECOMMUNICATION INPORMATION:
| TELEPHONE: (212) 664-0525
| TELEPHONE: (212) 664-0525
| TELEPHONE: (212) 664-0525
| TELEPHONE: 42253 GOOD!|
| INFORMATION FOR SEQ ID NO: 16:
| SEQUENCE CHARACTERISTICS:
| TOPOLOGY: 11near |
| TOPOLOGY: 11near |
| MOLECULE TYPE: protein |
| TOPOLOGY: 11near |
| MOLECULE TYPE: protein |
| Sex Local Similarity 28.2%; Pred. No. 16; Past Local Similarity 28.2%; Past Local Similarity
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